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ON DEFINING POLLUTION ..... July/Aug.
by John E. Kinney: Disagreement on what constitutes pollution is a basic conflict, not a question of semantics.
ON CORROSION CASE HISTORIES ..... Sept/Oct.
by Charles M. Loucks: In too many plants the attitude towards corrosion is one of "out of sight, out of mind."
ON ENFORCEMENT CONFERENCES ..... Sept./Oct.
by John E. Kinney: A review of conferences held by the Department of Health, Education and Welfare in water pollution . . . the procedural problems and future needs.
JOBS AND CLEAN WATER ..... Nov./Dec.
by Karl R. Bendetsen: Industry must work with the government on water pollution control programs to insure both jobs *and* clean water.

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Introducing Dr. Charles M. Loucks, Consulting Chemist and Contributing Editor to IWE.
THE BENEVOLENT TYRANT ..... July/Aug.
Profile of a committee, a legend, and a man . . . ASTM's D-19 Committee on Industrial Water and its chairman for 33 years, Max Hecht.

INTERVIEWS

HYDRO-HYSTERIA:
A THREAT TO INDUSTRY? ..... Jan./Feb.
Pollution abatement, J. E. Kinney contends, is not accomplished by edict but by cooperation between industry and government at state and local levels.
THE ENIGMA OF COPPER IN BOILERS ..... Mar./Apr.
While the effects of copper deposits in boilers have not been completely documented, S. F. Whirl, Superintendent of Chemical Services for the Duquesne Light Company, points up some significant aspects.
WATER USE AND THE LAW ..... May/June
Professor J. H. Beuscher of the University of Wisconsin Law School discusses the fundamentals of water law: the underlying principles and their significance to industry.
WATER ENGINEERING:
THE COMPONENT PARTS ..... July/Aug.
Arthur M. Guy, Chief Mechanical Engineer of the Southern Indiana Gas and Electric Company, discusses the roles of the consultant, management-engineering, the supplier and the operator in water engineering.
NO FIGHT AT THE WATER HOLE ..... Sept./Oct.
Dr. Arthur M. Buswell, professor emeritus of the Universities of Illinois and Florida, maintains that amicable solutions to our mounting water problems can be worked out provided that enough data are collected and properly evaluated.
WATER STANDARDS . . .
YOURS OR MINE? ..... Nov./Dec.
Dr. C. Fred Gurnham, professor of civil and chemical engineering at Illinois Institute of Technology reviews some of the water pollution parameters and methods of measurement.

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plus operating instructions, contained in a steel carrying case. The unit operates from 110 volt A.C. power and sells for $145.00.

For further information Write No. 12 on inquiry card.

Alkalinity Reduction

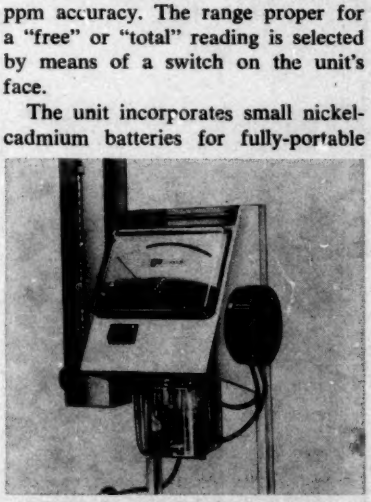
Magnatrol No. 1, designed to reduce the pH and alkalinity in cooling towers, boilers, heat exchangers and in other water systems where pH adjustment is critical, has been announced by Magnus Chemical Company, Inc., Garwood, N.J. The action of the product in solution is the same as with any acid: to reduce or neutralize the alkalinity present, thus reducing the pH of the system. The product is described as a white crystalline compound in powdered form, containing sulfamic acid and an organic acid. Specifications include pH of 1% solution at 1.8, and solubility up to 25% in water by weight.

For further information Write No. 13 on inquiry card.

Amperometric Titrator

Fischer & Porter's new Model 17T1010 amperometric titrator is designed primarily for end point titrations for free, combined or total chlorine residuals in water and sewage treatment plants, pools, and laboratories. The unit can also be used to determine residual bromine or iodine. Determinations can be made to 0.01 ppm accuracy. The range proper for a "free" or "total" reading is selected by means of a switch on the unit's face.

The unit incorporates small nickel-cadmium batteries for fully-portable



operation in the field. It can also be plugged into an a-c power source for conventional use on a bench. No changes in parts are required.

For further information Write No. 10 on inquiry card.